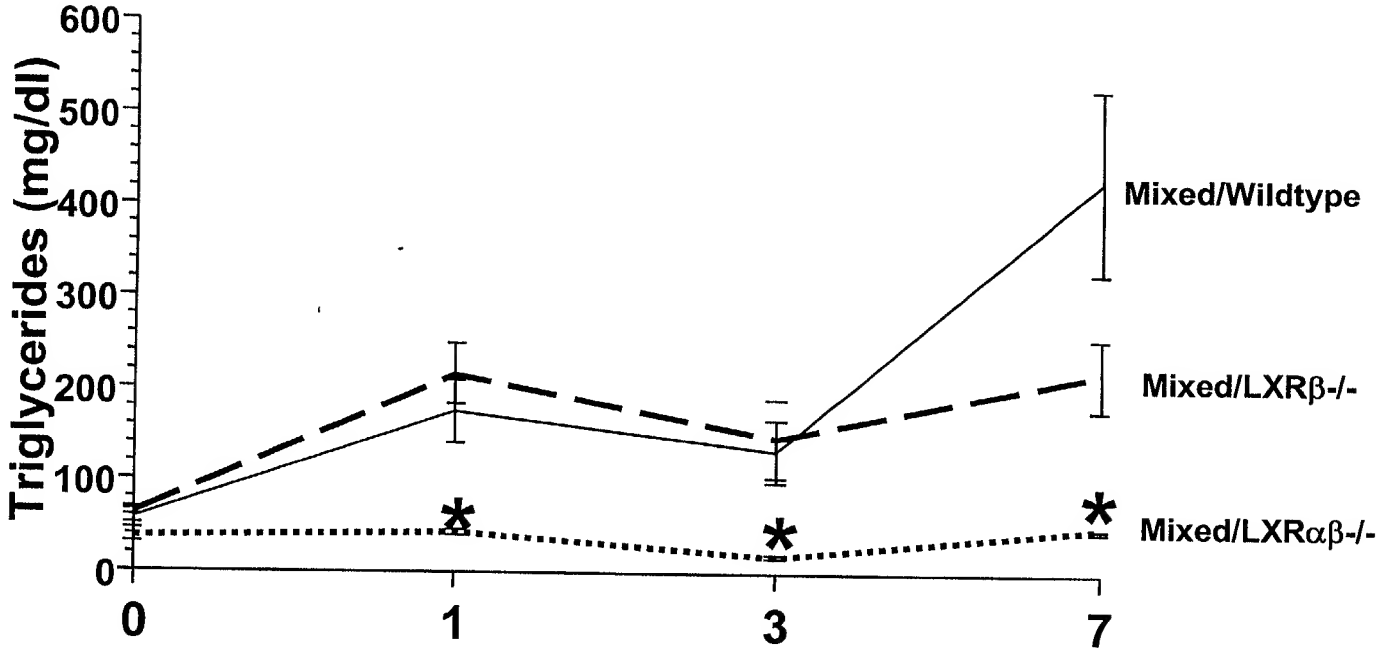
Effect of Compound 1 on Plasma Triglyceride Levels in LXRβ-/-, and LXRαβ-/- Mice

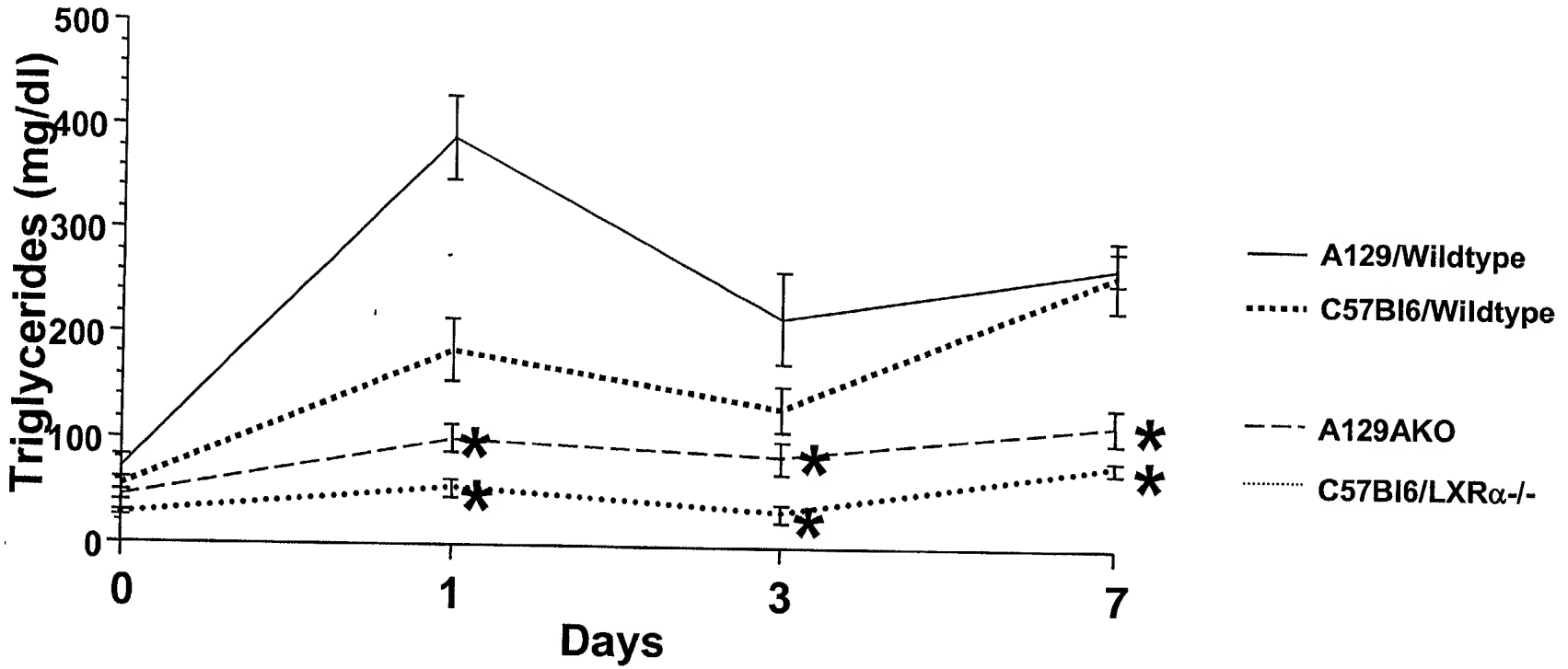


* = Statistically significant difference from Wildtype control

Animals dosed daily by oral gavage (10 mg/kg; n=7/group)

Figure 1

Effect of Compound 1 on Plasma Triglyceride Levels in LXRα-/- Mice

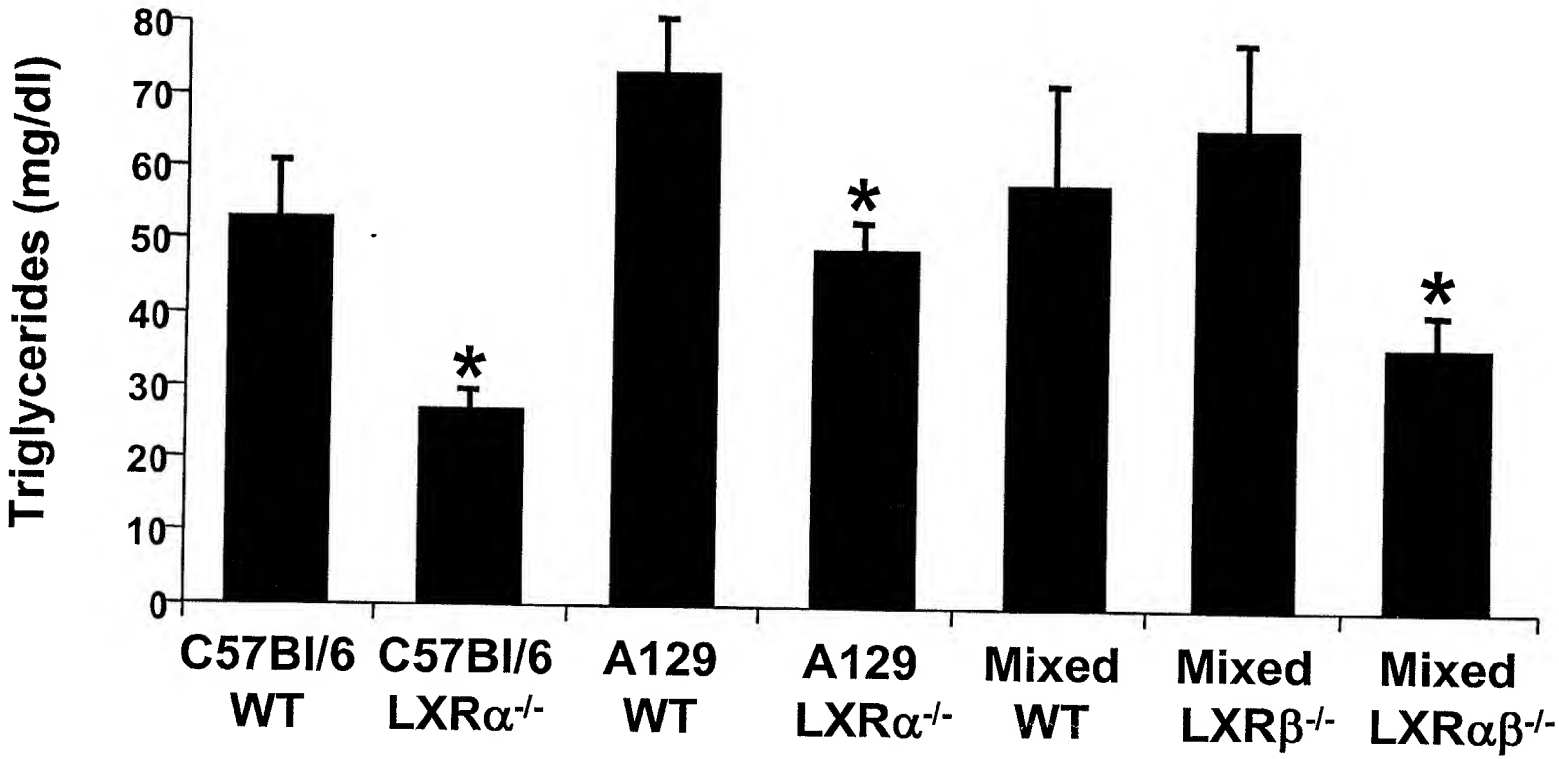


* = Statistically significant difference from Wildtype control

Animals dosed daily by oral gavage (10 mg/kg; n=7/group)

Figure 2

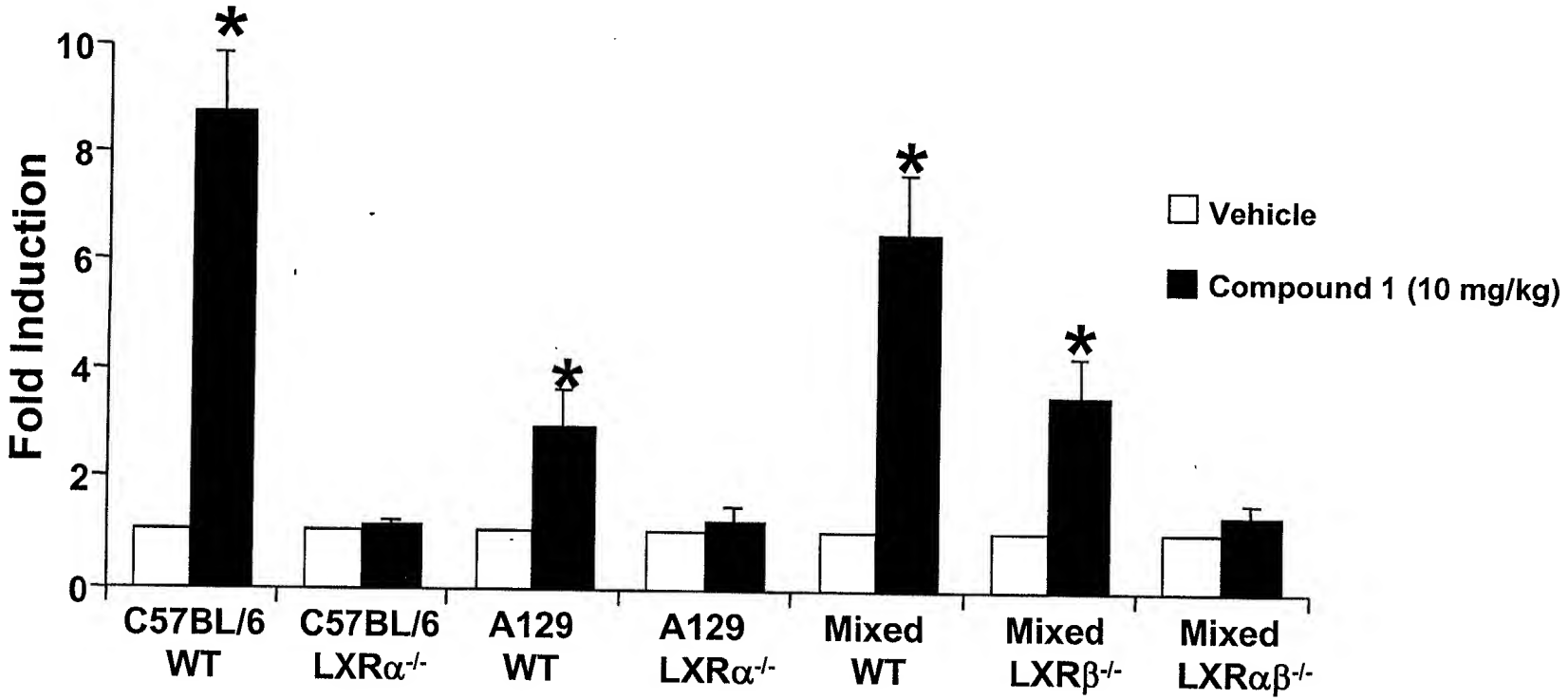
Triglyceride Levels in Wildtype and LXR Knockout Mice



* = Statistically significant difference from wildtype control (n=7)

Figure 3

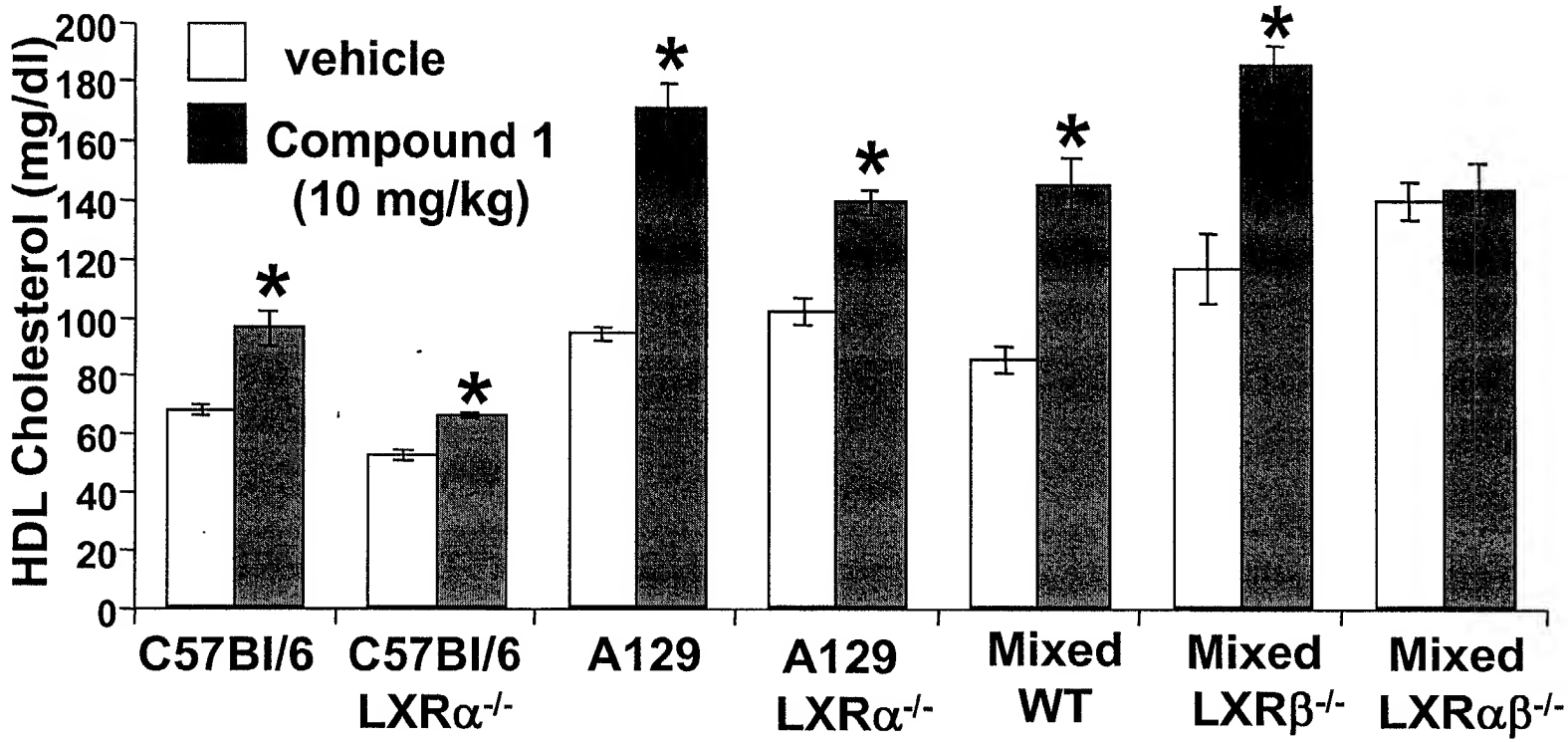
LXR-Dependent Regulation Of Liver LPL mRNA Levels *In Vivo*



Animals dosed daily by oral gavage for 7 days (n=4)

Figure 4

Effect of Compound 1 on HDL Levels in LXRα, β and LXRαβ KO Mice

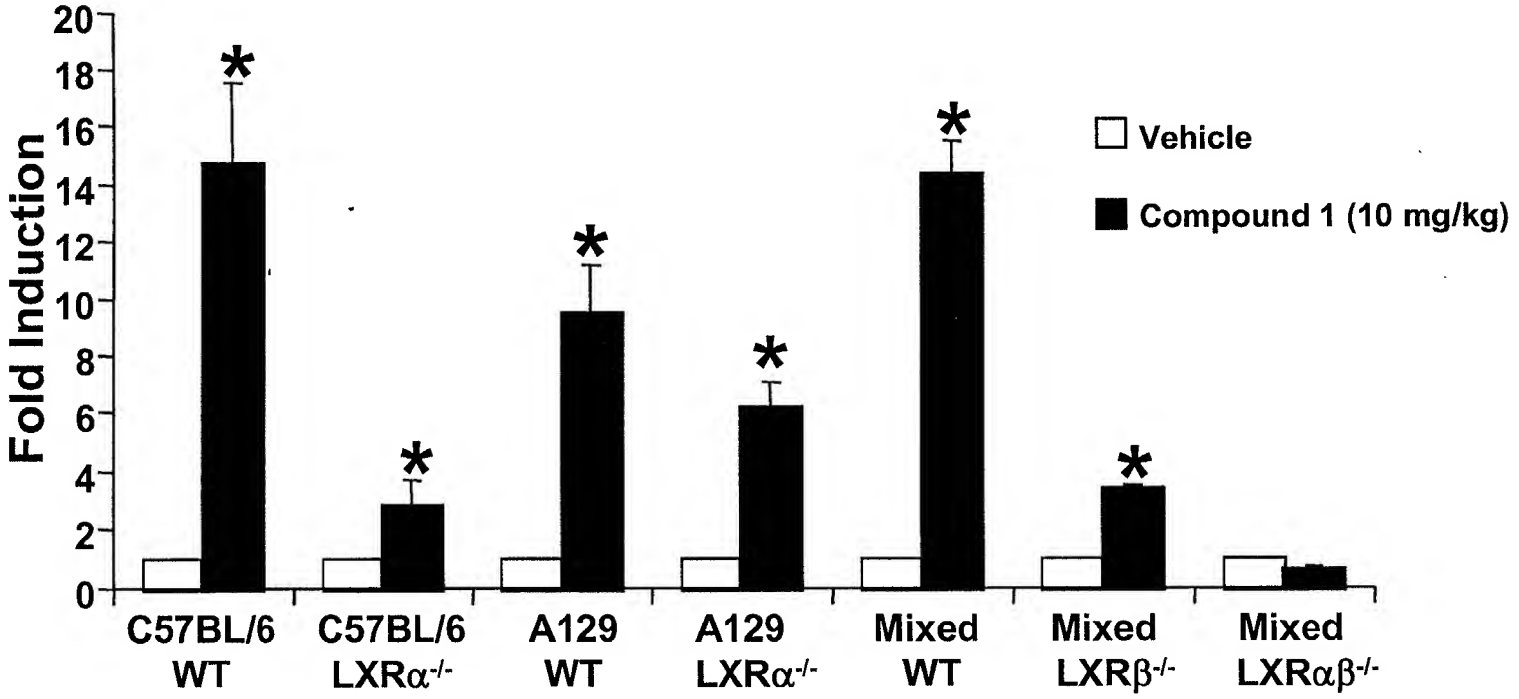


* = Statistically significant difference from Vehicle control

Animals dosed daily by oral gavage for 7 days (n=7)

Figure 5

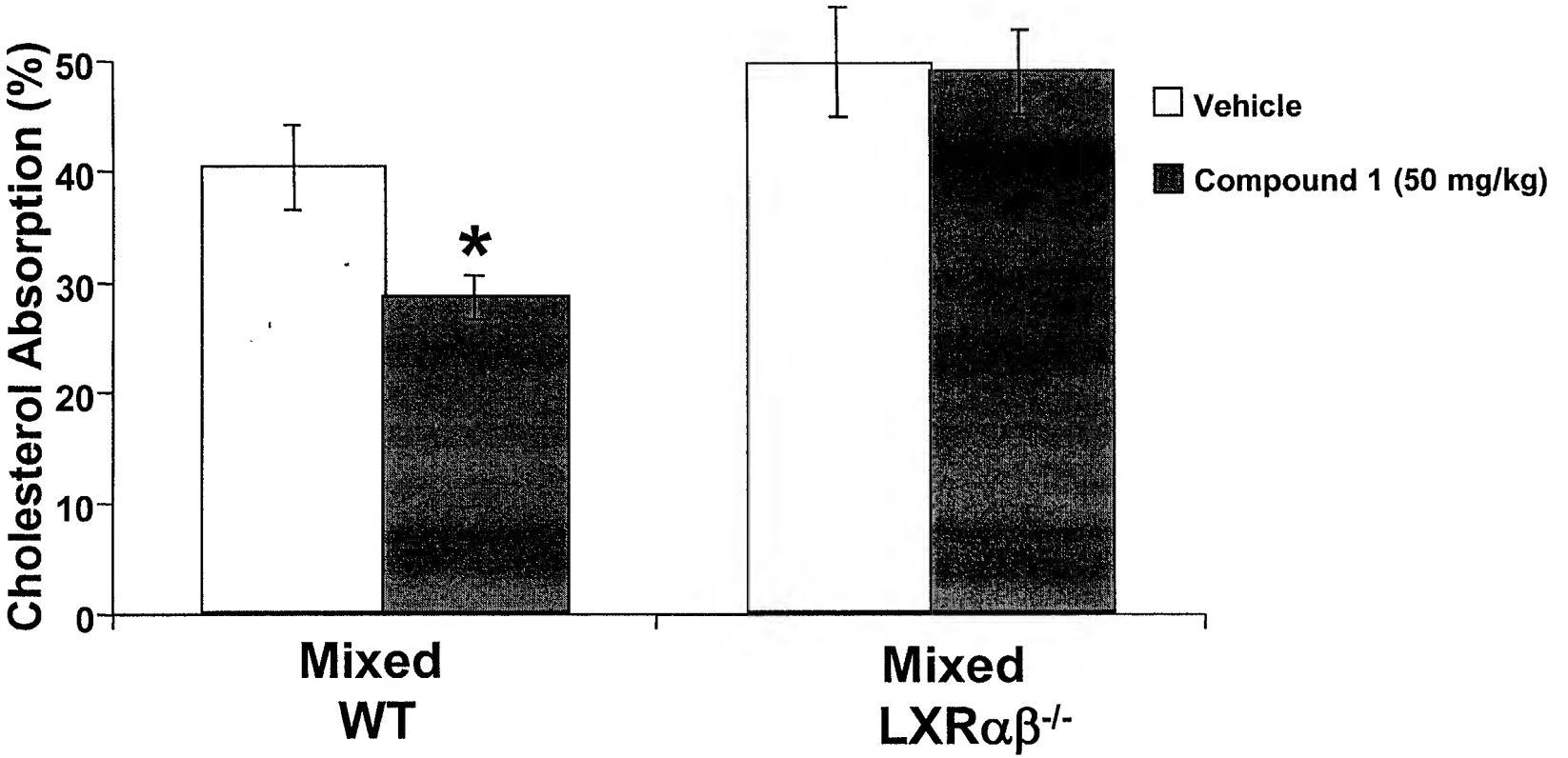
LXR-Dependent Regulation Of Liver CYP7a mRNA Levels *In Vivo*



Animals dosed daily by oral gavage for 7 days (n=4)

Figure 6

LXR Agonist-Dependent Inhibition Of Dietary Cholesterol Absorption

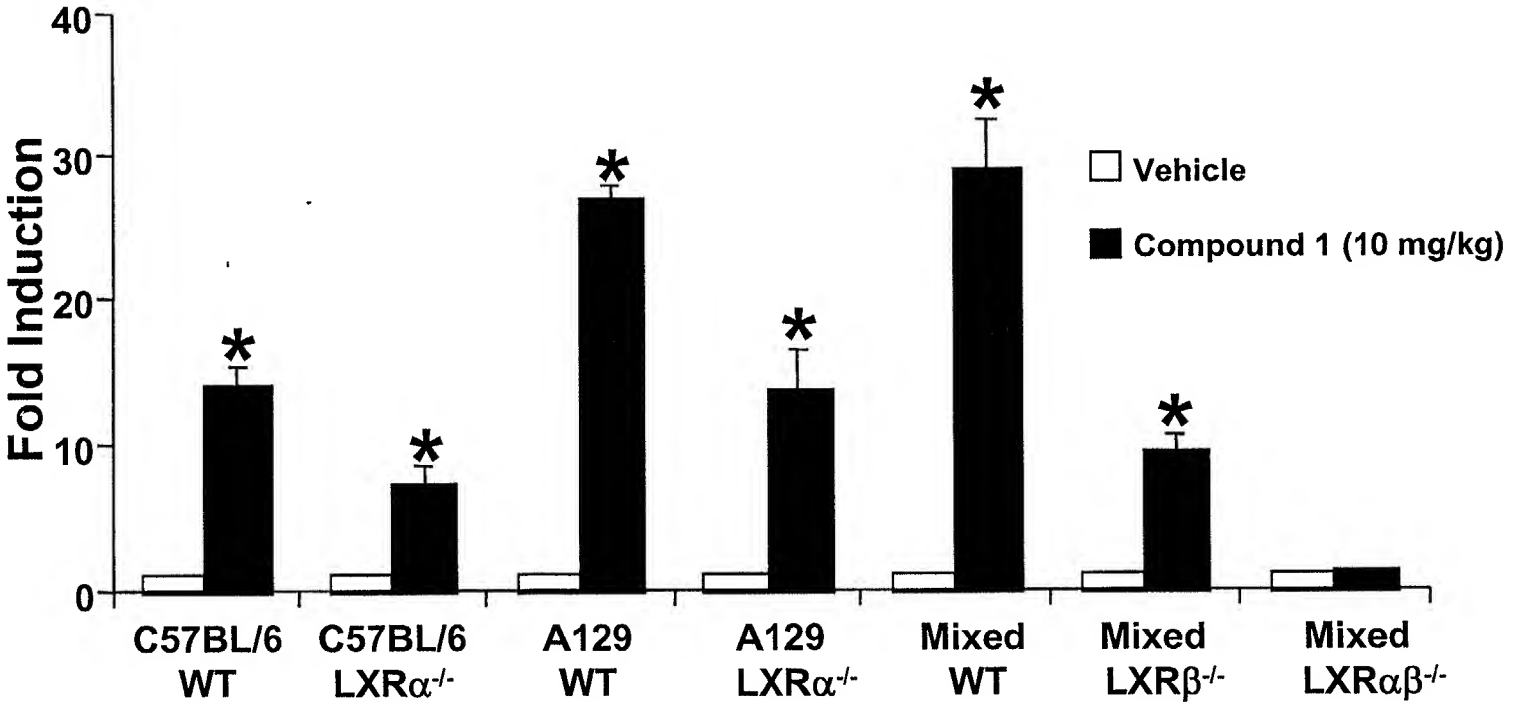


* = Statistically significant difference from Vehicle control

Animals dosed daily by oral gavage for 7 days (n=4)

Figure 7

LXR-Dependent Regulation Of Intestinal ABCA1 mRNA Levels *In Vivo*



Animals dosed daily by oral gavage for 7 days (n=4)

Figure 8

LXRαβ$^{-/-}$→ ApoE$^{-/-}$ Bone Marrow Transfer

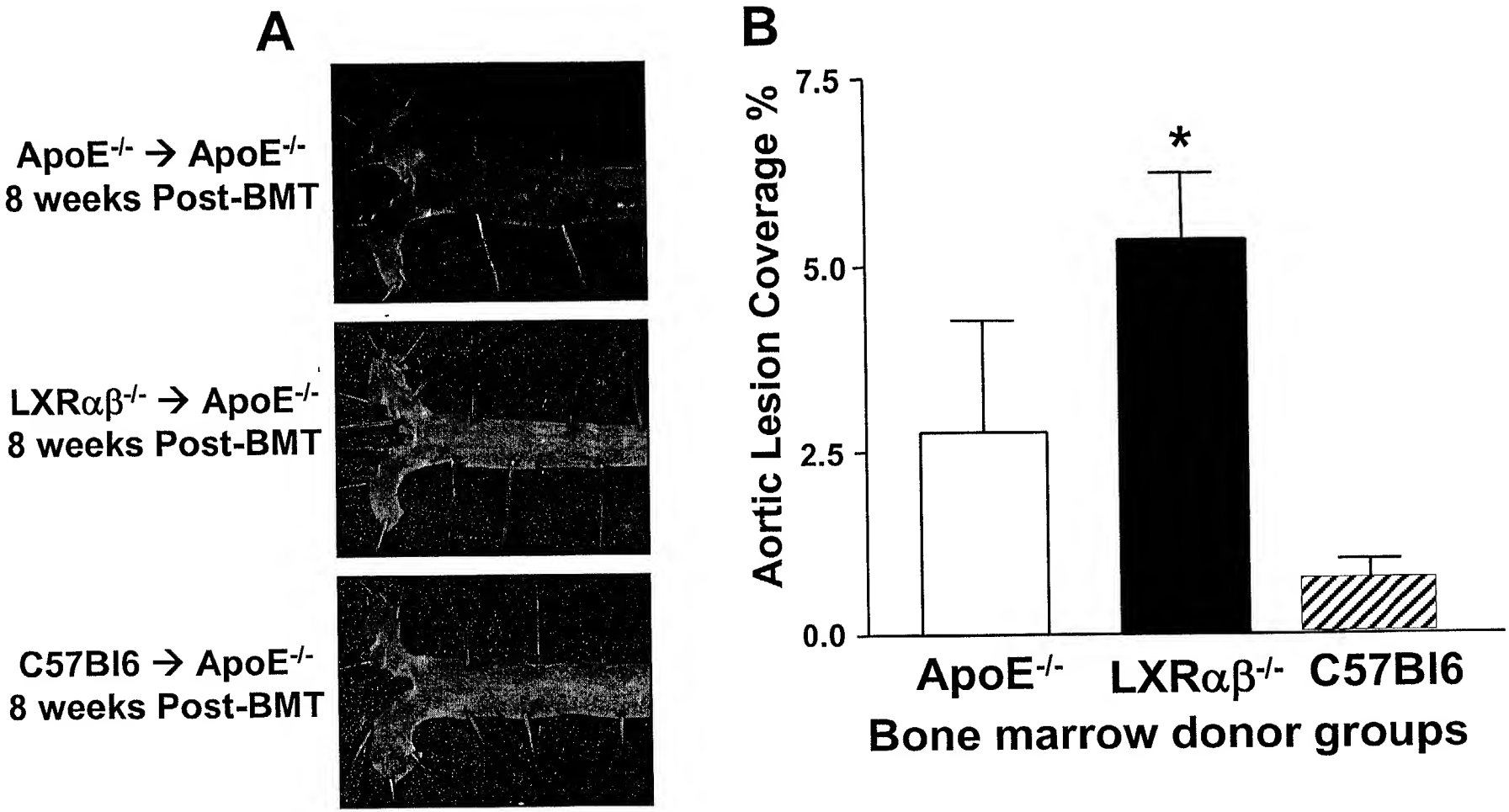


Figure 9

LXRαβ$^{-/-}$ → LDLR$^{-/-}$ Bone Marrow Transfer

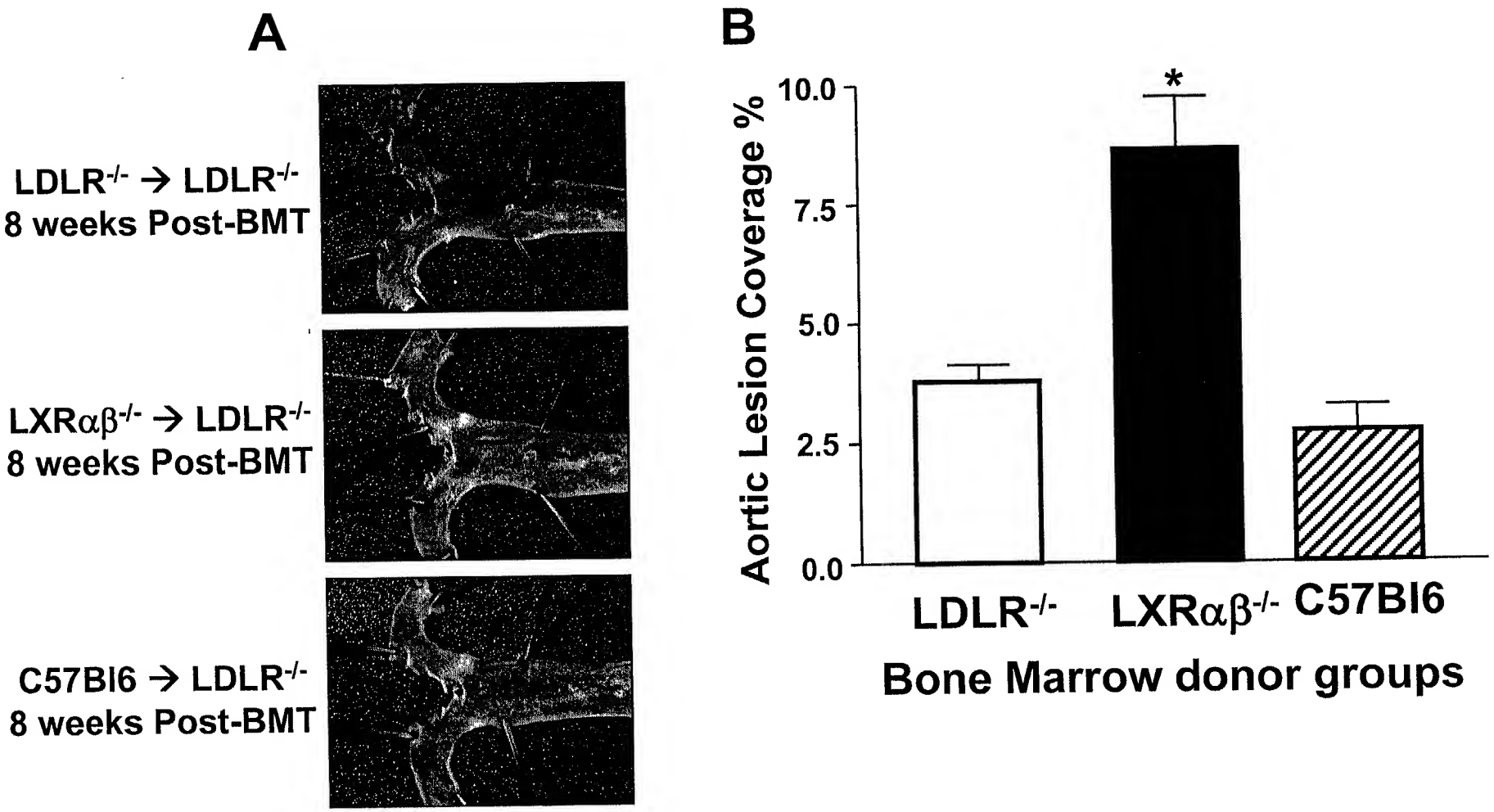


Figure 10

LXR mRNA Levels In Mouse Peritoneal Macrophages

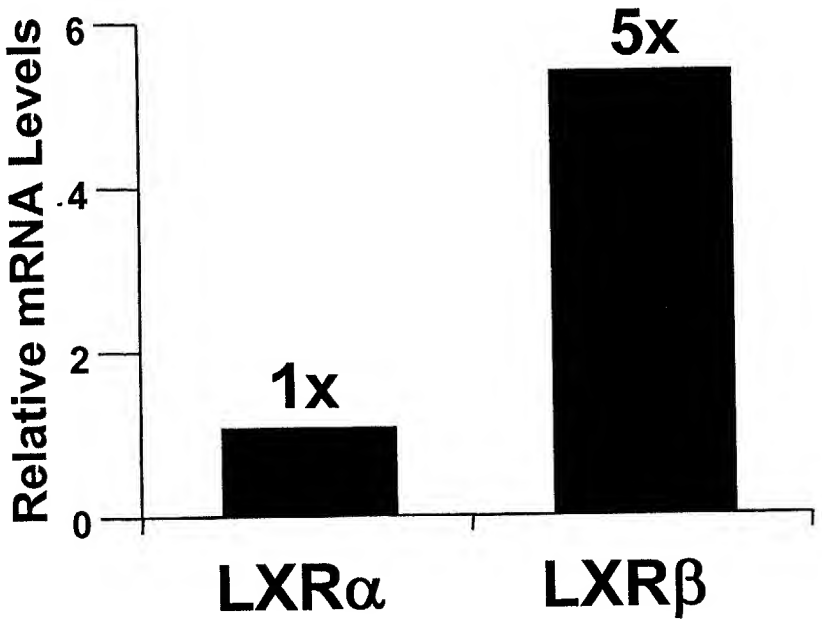


Figure 11

LXR-Dependent Gene Expression In Mouse Peritoneal Macrophages

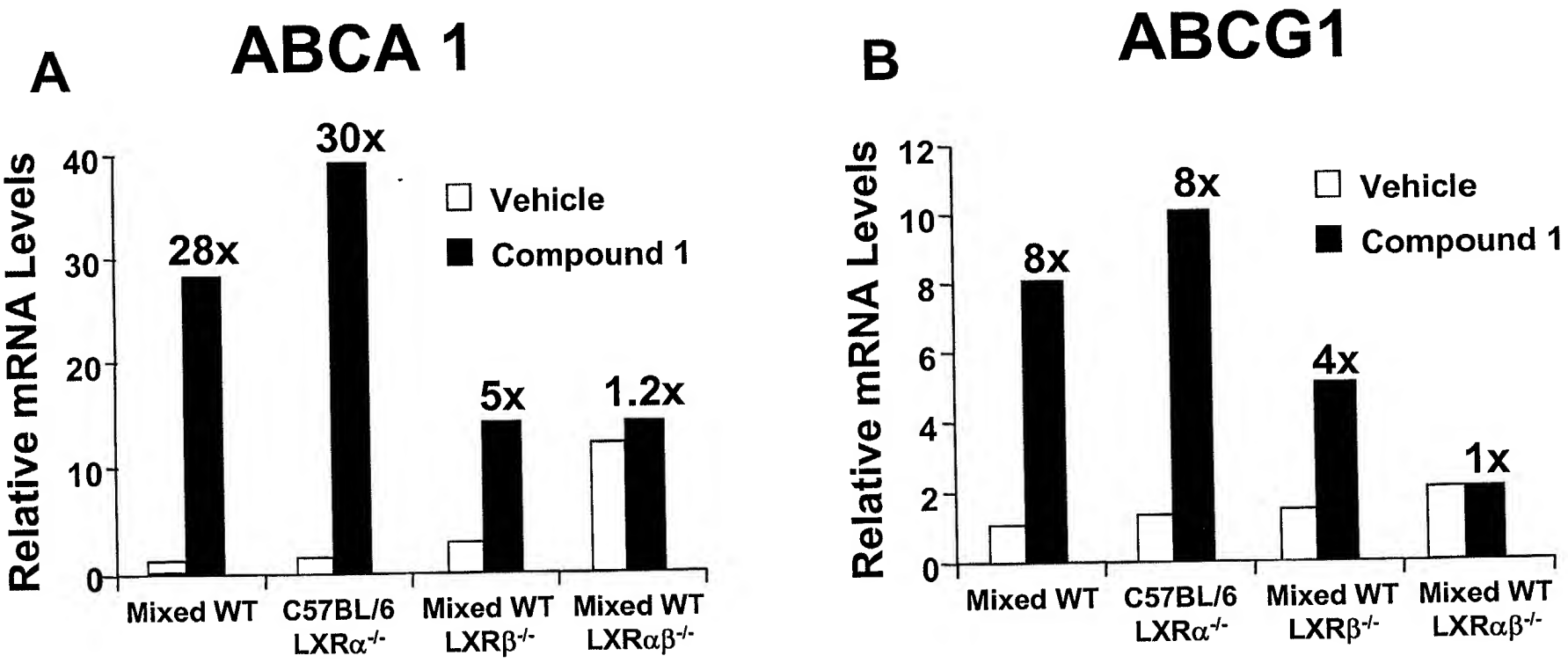
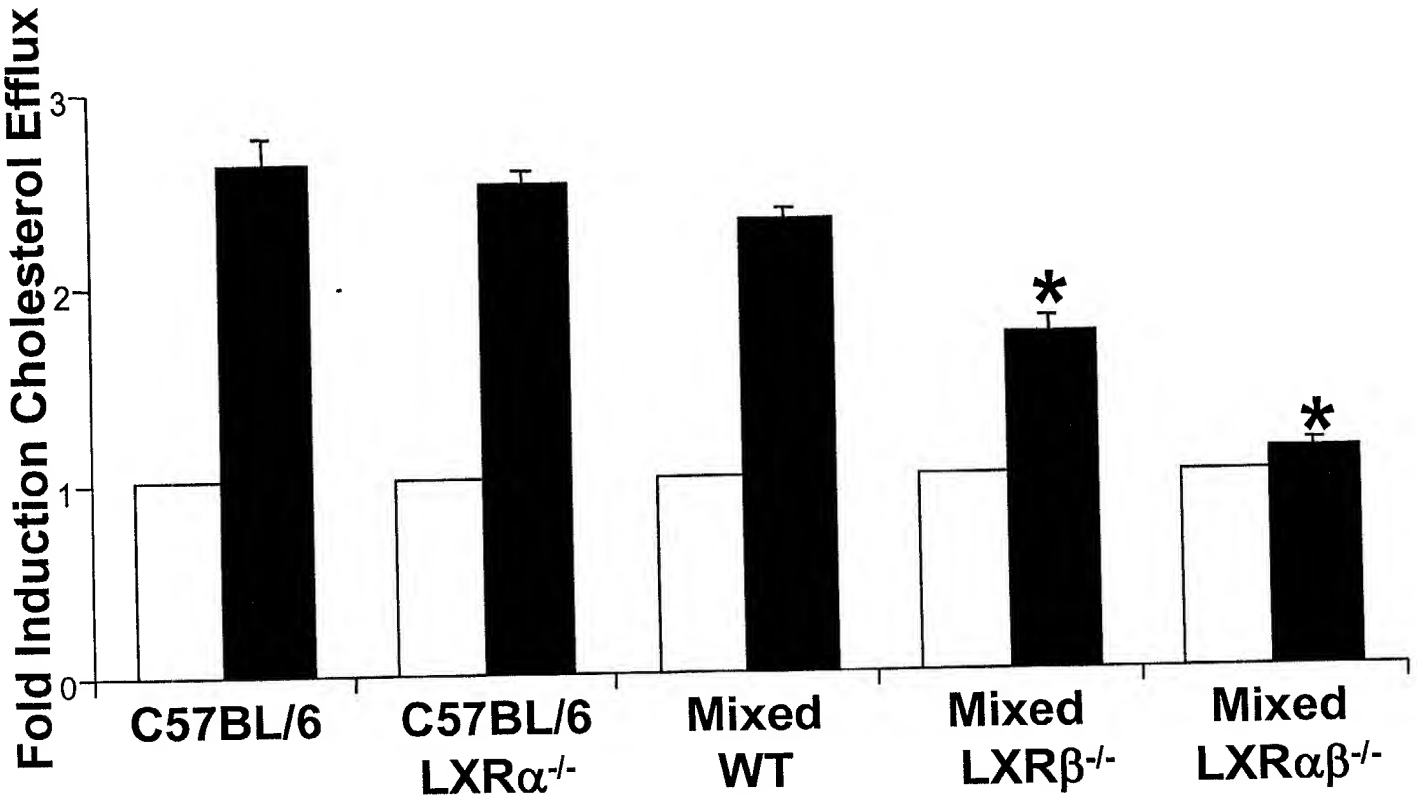


Figure 12

LXR-Dependent Cholesterol Efflux In Mouse Peritoneal Macrophages



* = Statistically significant difference from wildtype control

Figure 13

Figure 14

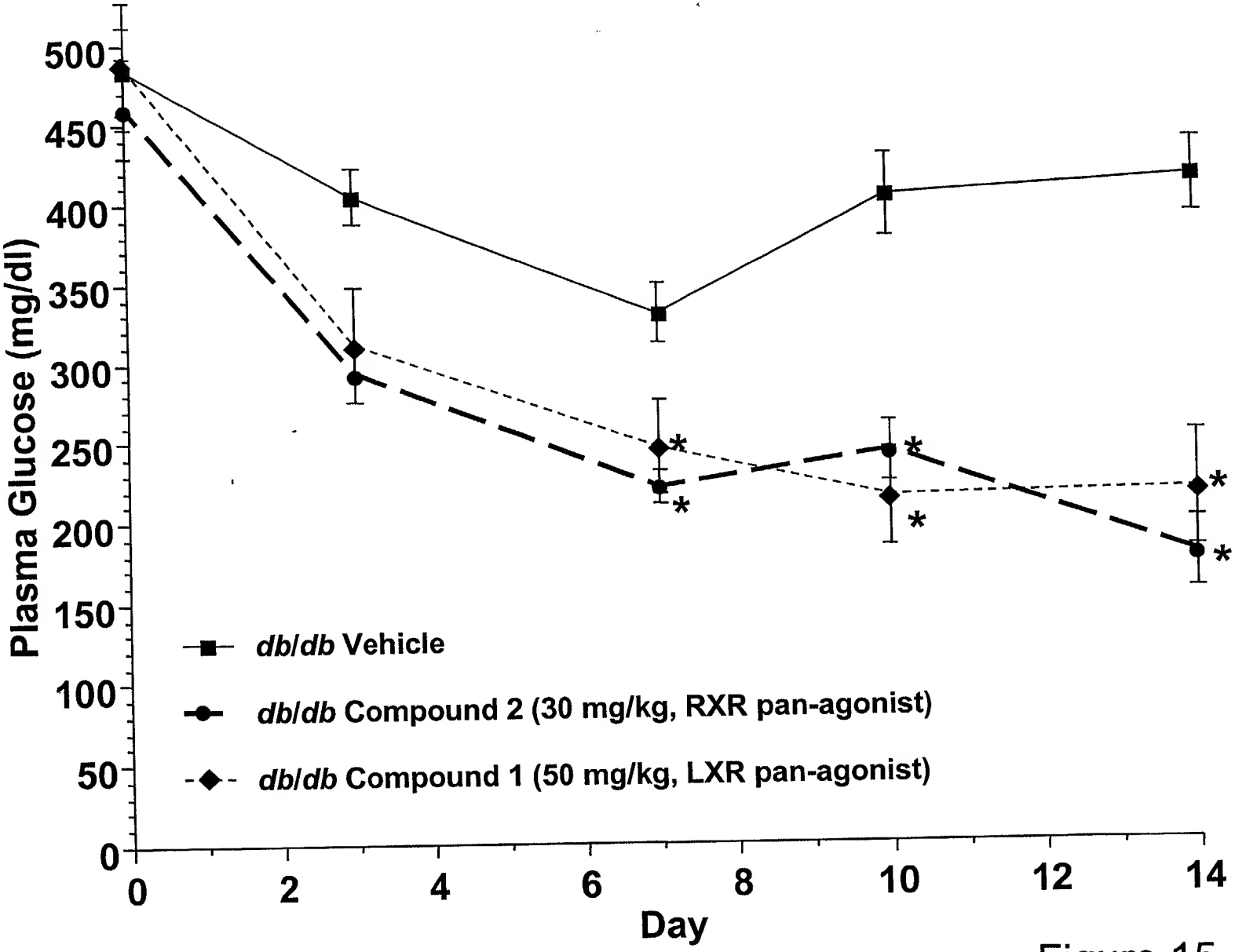

Plasma Glucose (mg/dl)
500
450
400
350
300
250
200
150
100
50
0
0
2
4
6
8
10
12
14
Day
db/db Vehicle
db/db Compound 2 (30 mg/kg, RXR pan-agonist)
db/db Compound 1 (50 mg/kg, LXR pan-agonist)
*

Figure 15